

Wallops Island Fire Station

Responses to Industry Questions Received After Posting Invitation for Bid (IFB)
NNG15533004R

30. I didn't find in the solicitation's "Policy on Delivery of Bids and Public Bid Openings at GSFC/WFF" a requirement to submit pass information for the people we intend to hand carry our proposal for submission and attend the bid opening.

NASA RESPONSE: Per the Notice to Bidders, one hour prior to the bid receipt time, between 1:30 p.m. and 2:30 p.m. local time on the bid due date, the Contracting Officer, or his/her Government representative, will receive bids/offers at the GSFC/WFF Reception Building (Bldg. No. N-1) **outside** of the GSFC/WFF Main Gate which means badges will not be required. However, individuals desiring to attend the public bid opening should arrive at the GSFC/WFF Reception Building (Bldg. No. N-1), on the scheduled date, not later than 2:45 p.m. local time. All individuals must be U.S. citizens or Permanent Resident Aliens and have in their possession a current picture ID/original green card to allow issuance of a temporary NASA Visitor's Pass. Transportation will be provided to and from the GSFC/WFF Reception Building (Bldg. N-1) to Building E-105 for the public bid opening.

31. Solicitation NNG15533004R Section G –Contract Administration Data (2) (c) (1)
What type of office and work area space is being provided by NASA? And where is it located?
What utilities will be provided?

NASA RESPONSE: NASA does not typically provide office space; the Contractor is responsible for providing his own job site trailer, internet and telephone. NASA provides nominal electric for power to the Contractor provided job site trailer, and water which is available in or near V-25, until this facility is demolished as part of the contract. The Contractor is responsible for all hookups. See Clause H.10 Special Instructions and Information for Construction Contractors, paragraph 9, Utilities. Amendment 2 posted 4/13/15 revised Clause G.2 1852.245-71 Installation-Accountable Government Property (JAN 2011) paragraph (c)(1) from checked to unchecked. Amendment 2 posted 4/13/15 revised Clause H.10 Special Instructions and Information for Construction Contractors, paragraph 7, Use of Space to delete the 2nd paragraph, "The Contractor may be permitted to use, free of charge, unoccupied space for material storage and/or office space related to this contract only, that is owned and controlled by the Government and which the Contracting Officer is able to place at his disposal. The Contractor shall promptly vacate any such space if ordered by the Contracting Officer to do so."

32. Are the GC's bidding this project only or is this a direct bid to you from all trades?

NASA RESPONSE: Per Clause I.126 52.219-18 Notification of Competition Limited to Eligible 8(a) concerns (JUN 2003) (Deviation) – Alternate I (APR 2005) and Provision L.27 Required Information to be Provided by Bidder, this acquisition is set aside to small business concerns expressly certified by the Small Business Administration (SBA) for participation in the SBA's 8(a) Program or SBA 8(a) Joint Venture with a bona fide place of business within the SBA

Richmond District. Anyone bidding must meet this requirement. We are not accepting bids from individual trades. All bids must be complete, that includes all aspects of the work to be performed.

33. Reference: Specification section 283164 ¶ 1.2.6 Interface with existing Fire Alarm Equipment. Can you please provide the manufacturer's name of the existing equipment described in the referenced paragraph?

NASA RESPONSE: The receiving/monitoring equipment is a Digitize 3505.

34. Specification [Section]13 34 19 page 6, 1.2.1.6 states the structure is to be designed to support "sprinklers, mechanical systems, electrical systems" but provides no collateral load value. Also drawing S203 has other design criteria but does not state a collateral load. What are the collateral loads for the systems mentioned above that the pre-engineered structure is to be designed in accordance with?

NASA RESPONSE: The Contract Drawings dictate use of Code and therefore Metal Building Manufacturers Association (MBMA) since it is a Pre-engineered Metal Building Frame.

Typical Collateral Loads from MBMA (6 PSF) based on table loads (we have wet pipe system):

Suspended ceiling....1 psf

Lighting.....0.1-1 psf

HVAC ducts.....1 psf

Sprinklers.....1.5 psf (dry) or 3.0 psf (wet)

35. On P-001 a fire pump is shown which would add a few more alarm points, please let us know if the pump is required.

NASA RESPONSE: Yes, a fire pump is required.

36. Will [Metal-Clad] MC cable be allowed for use in interior metal stud walls?

NASA RESPONSE: MC cable can be used from junction boxes located in ceilings to single drops in walls only.

37. Drawing A-301 shows stairwell 1 & 2 interior walls stopping just above the acoustical ceilings on the second floor. Drawings A-104 & 105 indicate these walls as 1 hour fire barrier/rated walls. Should these walls stop just above the non-rated ceilings or continue to some other height/method of construction to maintain the 1 hour fire barrier?

NASA RESPONSE: Walls for Stairwells 1 and 2 are full height, 1-hour fire walls as indicated on sheet A-105.

38. The requirements for a Fire Protection Specialist in Section 21 13 13.00 10 require a [National Institute for Certification in Engineering Technologies] Nicet Level III Specialist. The requirements in [Specification Section] 21 30 00 call for a Level IV Specialist. As for this size

project only one (1) person will do the design we question if a Nicet Level III Specialist will be acceptable for both Sprinkler System and Fire Pump Design. Note, a Level III Specialist is what is required by Virginia and Maryland State Law.

NASA RESPONSE: A Nicet Level III Specialist is acceptable. Amendment 2 posted 4/13/15 revised Specification Section 21 30 00 from a Level IV Specialist to a Level III Specialist.

39. [Specification Section] 21 13 13.00 10 Section 2.5.1.1 requires steel pipe to be Schedule 40. The Sprinkler Specifications on drawing P-001 allows for the use of Schedule 10 piping. Can Schedule 10 piping (in accordance with NFPA 13/20 requirements) be utilized?

NASA RESPONSE: No, steel pipe shall be Schedule 40 or greater.

40. Please confirm that, as per NFPA 13, Seismic Protection is not required for the Sprinkler System?

NASA RESPONSE: Confirmed, Seismic Protection is not required for the Sprinkler System.

41. [Specification Section] 21 13 13.00 10 lists sprinklers but does not specify what type of Sprinkler is to be used in finished ceiling areas or in exposed areas. Please qualify what type of sprinkler is to be used (i.e., Finish, Escutcheon Type, etc.)

NASA RESPONSE: Standard pendants for unfinished spaces, concealed type for finished spaces.

42. [Specification Section] 21 30 00 2.7.1 specified a Soft Start Controller for the 20 hp motor. Seems to be an overkill for a 20 hp motor. Can a standard Across the Line Controller be utilized?

NASA RESPONSE: No. Provide soft-start controller for 20HP fire pump motor as indicated on Sheet P-002.

43. [Specification Section] 21 30 00 2.7.1 also requires a Transfer Switch. Will there be an emergency generator connected to this Transfer Switch?

NASA RESPONSE: No. See sheet E-002 for the single-line representation of the electrical system. The building has an automatic transfer switch which is connected to the “grid” and to a mobile generator connection point on the outside of the fire station. The “grid” at Wallops is backed-up by (2) 3MW diesel generators located at U-012. The mobile generator connection at the fire station is intended as a plug-in point for a mobile generator in the worst case scenario when both the utility service and the (2) 3MW generators are unavailable. The “building” transfer switch (shown on E-002) is the only one intended to be installed in the new fire station. “Remark #1” on drawing P-002 refers to a transfer switch dedicated to the fire pump. This is not shown in the electrical sheets and it is not necessary because the “grid” already has a backup power source.

44. [Specification Section] 21 30 00 2.8 requires brass tube. Can the NFPA 20 allowed copper tube be utilized?

NASA RESPONSE: Yes, if it also meets the manufacturer's requirements of fire pump and controls.

45. [Specification Section] 21 30 00 references both a Test Header and Flow Meter. As they both do the same thing, do both have to be furnished?

NASA RESPONSE: Test header is required but delete the flow meter. Amendment 2 posted 4/13/15 deleted the flow meter.

46. On drawing C-102 Note #18--"furnish & install 1,000gal underground propane tanks (2). See Utility plan on C-103 and sheet P-100. On drawing C-103 Note #18--"furnish & install 1,000gal underground propane tanks (2). See sheet P-100. Neither of the drawings have any details or requirements for the tanks and there are no specifications on propane tanks or installation. Can you provide details, drawings and specifications for the procurement & installation of the propane tanks?

NASA RESPONSE: The Contractor shall disregard the reference to the installation of the propane tanks on sheet C-102 and C-103; the tanks will be provided outside this contract by others at a future date. The Contractor shall provide installation of propane lines as shown on sheet P-100. The reference to installation of the propane tanks on sheet C-102 and C-103 was deleted via Amendment 2 posted 4/13/15.

47. In reference to question #21 response-states "The commissioning agent has not been assigned"--if the commissioning agent has not been assigned at this point, how can we achieve "enhanced commissioning". For enhanced commissioning the commissioning agent must review design drawing at the 50% and 90% submissions?

Also specification section 01 33 29 page #2 ¶ 1.4 (b) states "The commissioning agent is currently under contract"

Please clarify if commissioning review was [performed] @ 50%&90% design and is the agent under contract with NASA or does the prime contractor include commissioning agent subcontractor in their proposal?

NASA RESPONSE: Commissioning agent will be assigned by NASA and the design drawings have been reviewed by Sustainable Building Partners (SBP).

48. Drawing A-501---Can you clarify if the floors get epoxy? the specs say epoxy for "apparatus bays & adjacencies". (spec 09 90 00) page 22 Division 3 (E) and the paint schedule on A-501 says sealed.

NASA RESPONSE: Reference Finish Schedule on Sheet A-501, rooms 104, 117, 118, 119 and 120. Amendment 2 posted 4/13/15 changed the words "SEALED CONC" under "FLOOR" on only these rooms to "EPOXY PAINT".